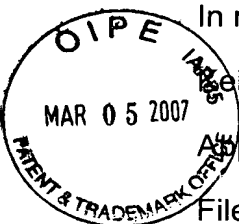


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Patent Application of

Seiichirou KAI et al.

Application No.: 10/578,912

Filed: May 9, 2006

For: PROCESS FOR PRODUCING  
PENTOSE-5-PHOSPHATE ESTER

)  
)  
) Group Art Unit: To be Assigned  
)  
) Examiner: To be Assigned  
)  
) Confirmation No.: 4449  
)  
)  
)

TRANSMITTAL LETTER FOR NOTICE TO COMPLY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In complete response to the Notice to Comply with Requirements for Patent Application  
Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures dated January 8,  
2007, enclosed please find:

- ☐ a Combined Declaration and Power of Attorney signed by the inventor(s);
  - ☐ Note that the inventor identified on the concurrently filed Combined Declaration and Power of Attorney is different than listed on the application filing papers. <<OR>> Note that the inventors identified on the currently filed Combined Declaration and Power of Attorney are different than listed on the application papers.
- ☐ an Application Data Sheet <<OR>> a Supplemental Application Data Sheet;
- ☐ the surcharge of ☐ \$ 65.00 ☐ \$ 130.00 as set forth in 37 C.F.R. § 1.16(e);
- ☐ a Request for Refund;
- ☐ a Petition for Extension of Time;
- ☐ a verified English translation of the application, and the 130 fee as set forth in 37 C.F.R. § 1.17(k);
- ☐ drawings for publication;
- ☐ an Information Disclosure Statement;
- ☐ a certified copy of the priority document <<OR>> certified copies of the priority documents;
- ☒ copy of Notice to Comply; and

- ☒ Amendment in Response to Notice to Comply Under 37 CFR 1.821-825; Marked-Up Copy of Substitute Specification; Clean Copy of Substitute Specification; Sequence Listing (paper copy); Sequence Listing (diskette copy)
- ☐ Small entity status is hereby claimed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date March 5, 2007

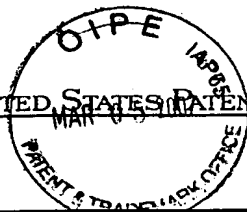
By: 

Deborah H. Yellin  
Registration No. 45,904

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620



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|---|--|------------------------------------|
| U.S. APPLICATION NUMBER NO.<br>10/578,912 | FIRST NAMED APPLICANT<br>Kaichirou Kai | ATTY. DOCKET NO.<br>1034232-000038 |
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| INTERNATIONAL APPLICATION NO. |
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PCT/JP04/16573

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|--------------------------------|-----------------------------|
| I.A. FILING DATE<br>11/09/2004 | PRIORITY DATE<br>11/11/2003 |
|--------------------------------|-----------------------------|

21839  
 BUCHANAN, INGERSOLL & ROONEY PC  
 POST OFFICE BOX 1404  
 ALEXANDRIA, VA 22313-1404

CONFIRMATION NO. 4449

371 FORMALITIES LETTER



\*OC000000021882089\*

Date Mailed: 01/08/2007

## NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed

to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
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For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/578,912                  | PCT/JP04/16573                | 1034232-000038   |

FORM PCT/DO/EO/922 (371 Formalities Notice)